2931

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2931	038	01 20 76	24AL	3459	7609

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0004	06	09	06	058	Y	NW	05

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	CL	SA	E	FT	070	—	10	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00123	—	—	00014

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3446	3421			PO	DO
START	34°59′	76°09′	1420	4854	4		0948	0949
							PU	ON
FINISH	35°00′	76°05′	1399	4853	4		1019	1022

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1200/2/6	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Positive identifications

1 - American shad

24AL

R/V DAN MOORE SPECIES LIST

STA. NO. 2931 DATE JAN 20 1976 BIOLOGISTS BFHJVSBR

TOT. CATCH WT. 137.3 AIR 6 SURFACE 5.8 BOTTOM 9

SAMPLE WT. 44 RAISING FACTOR 146/44 3.3182

52
50
44
146

SPECIES	C or NC	NUMBER	WEIGHT	TOT. WT. (pds)	$\bar{X}$ Wt	REMARKS
Micropogon undulatus	NC	27	2	6.6	.1	
	C	1	.5	1.7	.5	
Leiostomus xanthurus	NC	587	27	89.6	trace	8 = 174
Menticirrhus americanus	NC	4	.5	1.7	.1	
	C	2	.8	2.7	.4	
Urophycis regius		2	1.3	4.3		
Cynoscion regalis	NC	50	4.5	14.9	.1	
Peprilus alepidotus						
Lagodon rhomboides		6	.2	.7	trace	
Alosa sapidissima		1	.1	.1	.1	9" 105 total
Opisthonema oglinum		1	.1	.3	.1	
Peprilus triacanthus		1	.2	.7	.2	
Ballistes carolinensis		1	trace	trace	trace	
Lagocephalus laevigatus		3	4	13.3	1.3	
Astroscopus		3	.2	.7	.1	

Species: *Alosa sapidissima* (Am. shad)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc	Age	Gonad Stage	Station Number	Remarks
1	105	♂	–	–	–		–	IMM	2930	
2	132	♀	–	–	–	–	–	IMM	–	
3	142	♀	–	–	–	–	–	IMM	–	
4	112	♀	–	–	–	–	–	IMM	–	
5	105	♀	–	–	–	–	–	IMM	2931	
6	117	♂						IMM	2932	
7	110	♂						–	–	
8	105	♀						–	–	
9	97	♂						–	–	
10	112	♂						–	–	
11	121	♂						–	–	
12	108	♀						–	–	
13	112	♂						–	2934	
14	104	♂						–	–	
15	246	♂						–	2936	
16	123	♀						–	2939	
17	140	♀						–	2940	
18	144	♀						–	–	
19	108	♂						–	2942	
20	116	♂						–	–	
21	116	♂						–	–	
22	108	♂						–	–	
23	97	♂						–	–	
24	98	♂						–	–	
25	450	♂							2945	
26	248	♂						IMM	–	
27	164	♂						IMM	–	
28	151	♀						IMM	–	
29	220	♂							2948	(9)
30	134	♀						IMM	–	
31	110	♂						IMM	–	
32	102	♂						IMM	–	
33	138	♀						IM	–	
34	118	♂						IMM	–	
35	123	♂						IM	–	
36	127	♂						IMM	–	
37	131	♀						IM	–	
38	135	♀						IM	–	
39	122	♂						IM	–	
40	118	♀						IMM	–	
41	123	♂						IM	–	
42	126	♂						IM	–	
43	134	♂						IMI	–	
44	175	♀						IMM	–	
45	124	♂						IMM	–	
46	141	♀						IM	–	
47	137	♀						IMM	–	
48	124	♂						IM	–	
49	116	♂						IMM		
50	132	♂						IMM		

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LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *A. sapidissima*

DATE: 1/20/76

STATION: 2931

LOCALITY: 24 AL

T.L.	♂	♀	UNK
50-59.9			
60-			
70-			
80-			
90-			
100-		1	
110-			
120-			
130-			
140-			
150-			
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480-			
490-			
500-			
510-			
520			
530-			
540-			

T.L.	♂	♀	Unk.
550-			
560-			
570-			
580-			
590-			
600-			
610-			
620-			
630-			
640-			
650-			
660-			
670-			
680-			
690-			
700-			
TOTAL		1	

N=1

Range ♀ 105